



YJP70G10A

N-Channel Enhancement Mode Field Effect Transistor
Product Summary

V_{DS}

100V



YJP70G10A



Electrical Characteristics (T_j=25 unless otherwise noted)

Symbol
Rev.3.2
-22
Tangzhong Yangjie Electronic Technology Co., Ltd.
www.zjyangjie.com



Typical Performance Characteristics

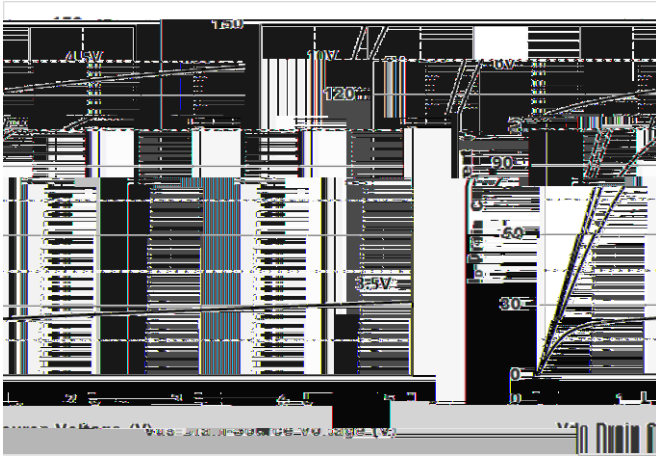


Figure1. Output Characteristics

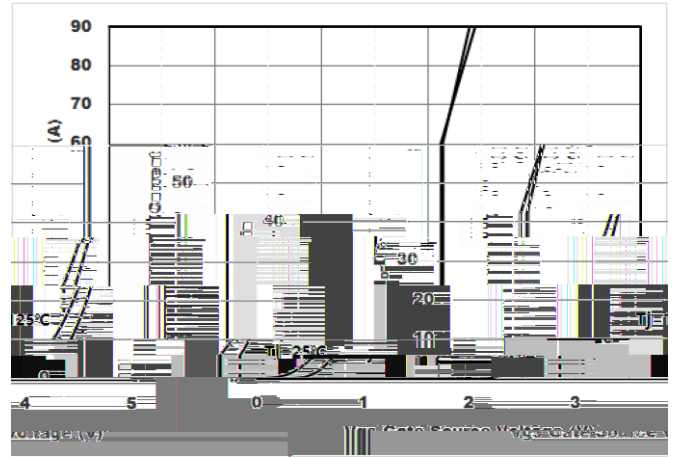


Figure2. Transfer Characteristics

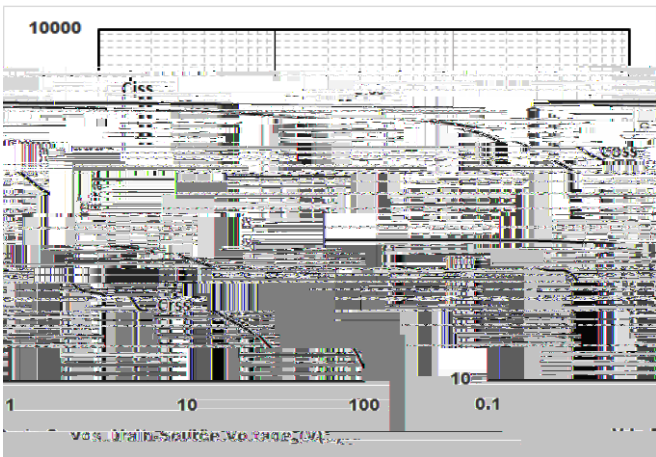


Figure3. Capacitance Characteristics

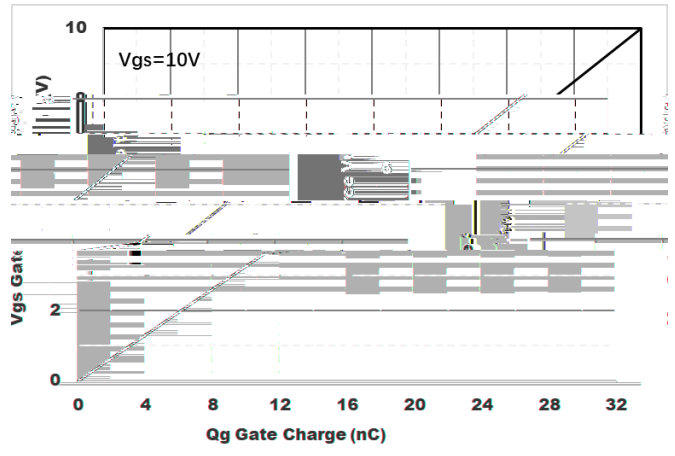


Figure4. Gate Charge

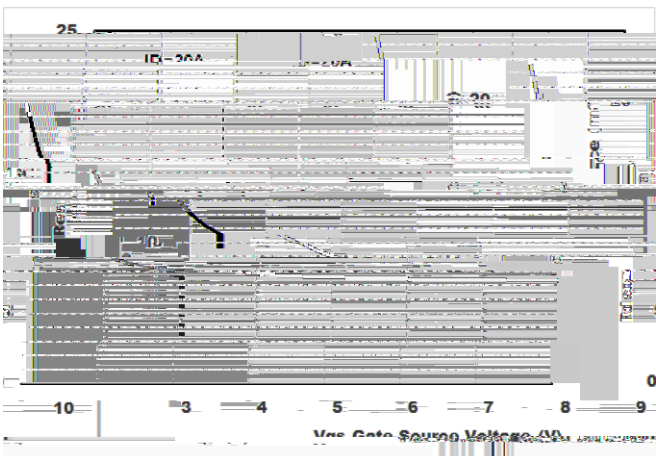


Figure5. On-Resistance vs. Drain Current and Gate Voltage

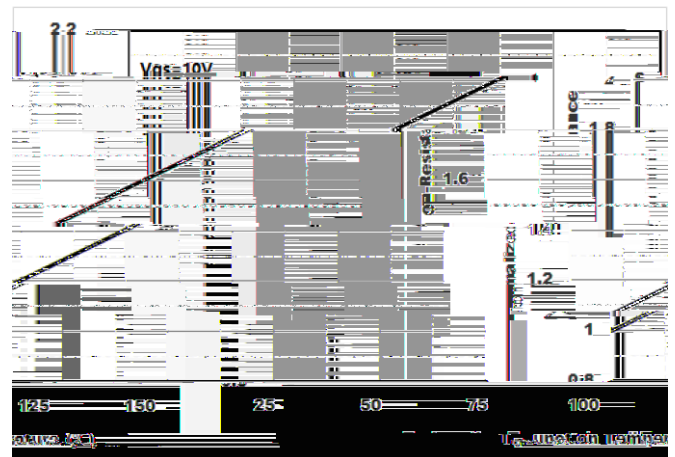


Figure6. Normalized On-Resistance



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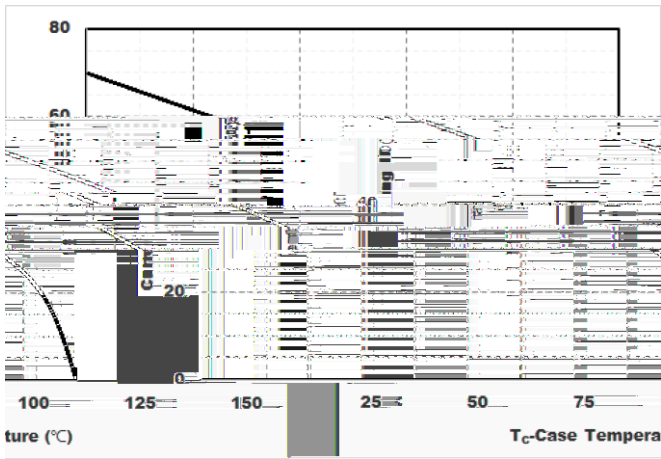


Figure7. Drain current

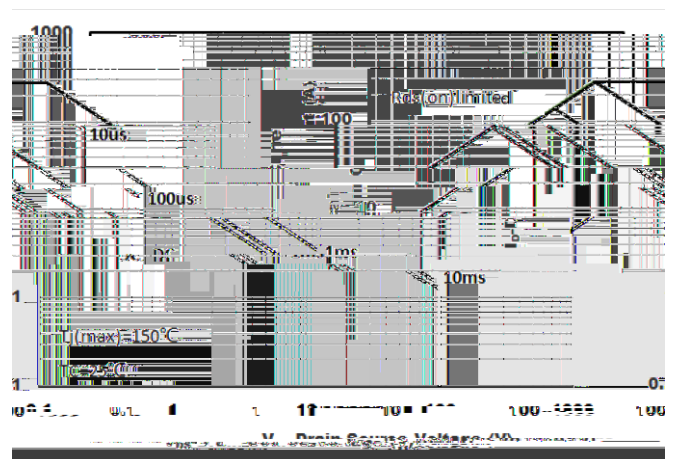


Figure8. Safe Operation Area

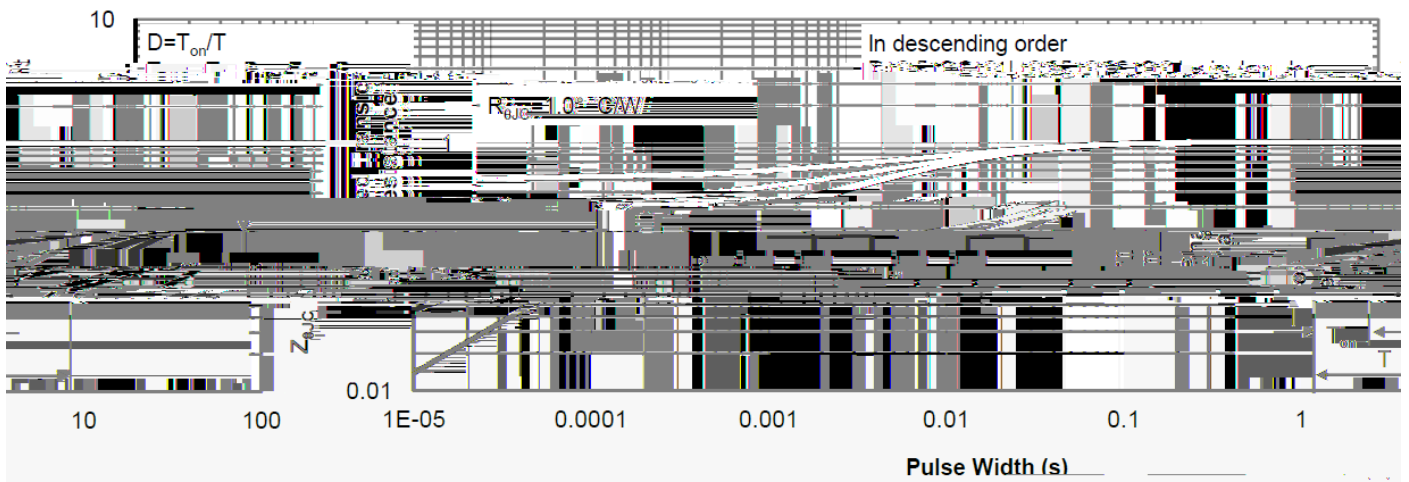


Figure9. Normalized Maximum Transient thermal impedance



TO-220AB-C Package information

NOTE:



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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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